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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s):

Charles E. Taylor and Jim L. Lee

Appln. No.:

10/074,209

Confirm. No.: 4379

Filed:

February 12, 2002

Title:

ELECTRO-KINETIC AIR TRANSPORTER-

CONDITIONER DEVICES WITH TRAILING

**ELECTRODE** 

PATENT APPLICATION

Art Unit:

1711

Examiner:

Thao T. Tran

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner

for Patents, P.O. Box 1459 Alexandria, VA 22313-1450, on April 15, 2004.

(Attorney Signature)

Suvashis Bhattacharya, Reg. No. 46,554

Signature Date: April 15, 2004

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

## Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (\*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an

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Attorney Docket No.: SHPR-01041USM SBhattacharva/SHPR/1041USM

104.001:123103 04/15/04-08:08 Information Disclosure Statement submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

- The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 C.F.R. §1.98 is enclosed, except for those items designated by an asterisk (\*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).
- If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).
- \_\_ PTA Statement under 37 C.F.R. §1.704(d). Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

## This statement should be considered because:

- \_\_\_ 37 C.F.R. §1.97(b). This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:
  - (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);

-- OR --

- (2) It is being filed within 3 months of entry of a national stage;
  -- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits, -- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.
- √ 37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:
  - (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.
    - -- AND (check at least one of the following) --

(1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e). -- OR --(2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p). 37 C.F.R. §1.97(d). Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because: It is being filed on or before payment of the Issue Fee; (1) (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e); -- AND --It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p). (3) Fee Authorization. The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed. Respectfully submitted, FLIESLER MEYER LLP Date: Hpril 15, 2004 Suvashis Bhattacharva Reg. No. 46,554

Customer No. 23910 FLIESLER MEYER LLP Four Embarcadero Center, Fourth Floor San Francisco, California 94111-4156 Telephone (415) 362-3800

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Form PTO-1449 (Substitute)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Attorney Docket Number SHPR-01041USM

Applicant/Patent Owner

Serial/Patent Number 10/074,209

Information Disclosure Statement

BY APPLICANT
(Use several sheets if necessary)

Charles E. Taylor and Jim L. Lee

Filing/Issue Date

February 12, 2002

Group Art Unit

U.S. PATENTS

U.S. PATENTS							
Examine r Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1	1,791,338	02/03/31	H.A. Wintermute			4/12/27
	2	1,869,335	07/26/32	L. Day			12/13/26
	3	2,359,057	09/26/44	G. D. Skinner			02/28/42
	4	2,509,548	05/30/50	H. J. White			05/27/48
	5	3,018,394	01/23/62	T. T. Brown			07/03/57
	6	3,026,964	03/27/62	G. W. Penney			05/06/59
	7	3,374,941	03/26/68	E. C. Okress			06/30/64
	8	3,518,462	06/30/70	T. T. Brown			08/21/67
	9	3,581,470	06/01/71	Aitkenhead et al.	55	138	12/30/69
	10	3,638,058	01/25/72	Fritzius	313	63	06/08/70
	11	3,744,216	07/10/73	Halloran	55	102	08/07/70
	12	4,092,134	05/30/78	Kikuchi	55	109	06/03/76
	13	4,218,225	08/19/80	Kirchoff et al.	55	112	05/02/77
	14	4,244,710	01/13/81	Burger	55	6	05/09/78
	15	4,253,852	03/03/81	Adams	55	126	11/08/79
	16	4,284,420	08/18/81	Borysiak	55	138	08/27/79
	17	4,318,718	03/09/82	Utsumi et al.	55	121	07/14/80
	18	4,357,150	11/02/82	Masuda et al.	55	6	02/05/81
	19	4,414,603	11/08/83	Masuda	361	227	03/23/81
	20	5,045,095	09/03/91	You	55	139	06/14/90
	21	5,118,942	06/02/92	Hamade	250	324	02/07/91
	22	4,509,958	04/09/85	Masuda et al.	55	132	10/08/82



	_	TE TUE MANAGE	U.S.	PATENTS			
Examine r Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	23	4,516,991	05/14/85	Kawashima	55	124	04/25/83
	24	4,643,745	02/17/87	Sakakibara et al.	55	137	12/17/84
	25	4,686,370	08/11/87	Blach	250	423R	02/13/85
	26	4,689,056	08/25/87	Noguchi et al.	55	138	08/29/86
	27	4,713,724	12/15/87	Voelkel	361	231	06/30/86
	28	4,726,812	02/23/88	Hirth	55	2	03/26/87
	29	4,726,814	02/23/88	Weitman	55	11	06/27/86
	30	4,772,297	09/20/88	Anzai	55	106	08/19/86
	31	4,781,736	11/01/88	Cheney et al.	55	132	11/20/86
	32	4,786,844	11/22/88	Farrell et al.	315	111.21	03/30/87
	33	5141,715	08/25/92	Sackinger et al.	422	186.04	04/09/91
	34	5,183,480	02/02/93	Raterman et al.	55	113	10/28/91
	35	5,248,324	09/28/93	Hara	96	37	02/18/92
	36	5,296,019	03/22/94	Oakley et al.	96	95	08/24/92
	37	5,437,713	08/01/95	Chang	96	51	12/01/94
	38	5,669,963	09/23/97	Horton et al.	96	77	12/26/95
	38	5,698,164	12/16/97`	Kishioka et al.	422	121	03/30/95
	40	5,997,619	12/07/99	Knuth et al.	96	224	07/10/98
	41	6,118,645	09/12/00	Partridge	361	231	04/06/95
	42	6,228,149 B1	05/08/01	Alenichev et al.	95	78	01/20/99
	43	6,282,106 B2	08/28/01	Grass	363	37	12/20/00
	44	6,348,103 B1	02/19/02	Ahlborn et al.	134	6	11/25/99
	45	6,362,604 B1	03/26/02	Cravey	323	241	09/28/99
	46	6,373,723 B1	04/16/02	Wallgren et al.	363	16	06/18/99
	47	6,447,587 B1	09/10/02	Pillion et al.	96	418	12/06/01
	48	6,451,266 B1	09/17/02	Lau et al.	422	186.07	09/25/00
	49	6,464,754 B1	10/15/02	Ford	95	26	02/29/00

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	APR	1	9	2004	C53
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Examine		TH'ANTMAN,"						-		
r Initial		Patent Number	Issue Date	First Named In	First Named Inventor		Subclass	Filing Date		
	50	6,471,753 B1	10/29/02	Ahn et al.		95	27	10/25/00		
	51	6,504,308 B1	01/07/03	Krichtafovitch e	t al.	315	111.91	10/14/99		
	52	6,544,485 B1	04/08/03	Taylor		422	186.04	01/29/01		
	53	6,585,935 B1	07/01/03	Taylor et al.		422	29	11/20/98		
	54	6,588,434 B2	07/08/03	Taylor et al.		132	116	07/02/02		
	55	6,603,268 B2	08/05/03	Lee		315	111.01	06/21/02		
	56	6,613,277 B1	09/02/03	Monagan		422	24	06/18/99		
	57	6,632,407 B1	10/14/03	Lau et al.		422	186	09/25/00		
	58	6,672,315 B2	01/06/04	Taylor et al.		132	116	12/19/00		
	59	6,709,484 B2	03/23/04	Lau et al.		95	76	08/08/01		
	60	6,713,026 B2	03/30/04	Taylor et al.		422	186.04	12/05/00		
	61	Re. 33,927	05/18/92	Fuzimura	Fuzimura		129	09/09/86		
			U.S. PATE	NT PUBLICATION	S					
Examiner Initial		Patent Application Publication Number		Publication Date	Publication Date			Applicant		
	62	US 2001/0004046 A1		06/21/01	06/21/01 Taylor et		t al.			
	63	US 2001/0048906 A1		12/06/01	/01 Lau et al.					
	64	US 2002/0069760 A1		06/13/02	06/13/02 Pruette et al.					
	65	US 2002/0079212 A1		06/27/02 Taylor et		t al.				
	66	US 2002/0098131 A1		07/25/02 Taylor et		t al.				
	67	US 2002/0100488 A1		08/01/02 Taylor et		et al.				
	68	US 2002/0146356 A1		10/10/02	10/10/02 Sinaiko e		et al.			
	69	US 2002/0122751 A1		09/05/02	09/05/02 Sinaiko e		et al.			
	70	US 2002/0122752 A1		09/05/02	09/05/02 Taylor et al.					
	71	US 2002/0127156 A1		09/12/02	09/12/02 Taylor					
	72	US 2002/0134664 A1		09/26/02	09/26/02 Taylor et		t al.			
	73	US 2002/0134665 A1		09/26/02	09/26/02 Taylor et al.		_			



		The Transmission U.S. I	PATE	NT PUBLIC	CATION	S			
Examiner Initial		Patent Application Publication Number		Publication Date		Applicant			
	74 US 2002/0141914 A1		10/03/02		Lau et al.				
	75	US 2002/0144601 A1		10/10/02		Palestro et al.			
·	76	US 2002/0150520 A1		10/17/02		Taylor et al.			
	77	US 2002/0152890 A1		10/24/02		Leiser  McKinney, JR. et al.			
	78	US 2002/0155041 A1	_	10/24/02					
	79	US 2002/0170435 A1		11/21/02		Joannou			
	80	US 2002/0190658 A1		12/19/02		Lee			
	81	US 2002/0195951 A1	12/26/02		Lee				
	82	US 2003/0005824 A1	01/09/03		Katou et al.				
	83 US 2003/0196887 A1		10/23/03		Lau et al.				
	84	34 US 2003/0206837 A1		11/06/03		Taylor et al.			
	85	US 2003/0206839 A1		11/06/03 11/06/03		Taylor et al.			
	86	US 2003/0206840 A1				Taylor et al.			
	87	US 2003/0233935 A1	A1 12/2			Reeves et al.			
	88	US 2004/0065202 A1		04/08/04		Gatchell et al.			
		PENDING	U.S.	PATENT AI	PPLICA	TIONS			
Examiner Initial		Application Number	F	iling Date		First Named Inventor	Petition to Expunge? Yes   No		
	89	60/104,574	10/2	2/98	Robert	bert L. Fuhriman, Jr.			
	90	10/405,193	04/0			Lee et al.			
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APR 1 9 2004 % FOREIGN PATENT DOCUMENTS Document Number Trans-Examiner Publication Country Class Subclass lation Initial Date Yes | No 91 00/10713 03/02/00 WO 92 09/07/01 WO 01/64349 A1 93 WO 01/85348 A2 11/15/01 94 02/066167 A1 08/29/02 WO 95 02/20162 A2 03/14/02 WO 96 02/20163 A2 03/14/02 WO 97 02/30574 A1 04/18/02 WO 98 02/32578 A1 04/25/02 WO 05/30/02 99 02/42003 A1 WO 100 WO 03/009944 A1 02/06/03 WO 101 03/013620 A1 02/20/03 102 **EPO** EP0433152 06/19/91 103 CN 2111112 U 07/29/92 China OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages) Examiner Date Considered \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*1 = Copy not submitted because it was submitted in prior application SN \_/\_\_\_\_, filed \_\_\_\_ \_\_\_\_\_, 20\_\_\_, relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN \_/\_\_\_\_, filed \_\_\_\_\_

, 20 \_\_\_\_, relied on under 35 USC §120.